1	CLAIMS
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3	I Claim:
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5	1. A hydraulic stroke measuring system, comprising:
6	a measurement unit attachable to a cylinder shaft of a hydraulic cylinder
7	wherein said measurement unit measures an extended position of a cylinder shaft; and
8	a display unit with a plurality of display lights in communication with said
9	measurement unit, wherein said display lights indicate an extended position of a
10	cylinder shaft.
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13	2. The hydraulic stroke measuring system of Claim 1, including an indicia
14	adjacent each of said display lights indicating a position measurement.
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17	3. The hydraulic stroke measuring system of Claim 1, wherein said
18	measurement unit is comprised of:
19	a housing unit having a tubular structure;
20	a plurality of contact members attached within said housing unit, wherein said
21	contact members are electrically connected to said display lights;
22	a measurement shaft slidably extending from within said housing unit and
23	attachable to a cylinder shaft of a hydraulic cylinder; and
24	a main contact attached to said measurement shaft that engages one or more of
25	said contact members based upon a position of said measurement shaft.
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28	4. The hydraulic stroke measuring system of Claim 3, wherein said main
29	contact and said display lights are electrically connected to a power source.

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3	5. The hydraulic stroke measuring system of Claim 3, wherein said contact
4	members are aligned in a row.
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7	6. The hydraulic stroke measuring system of Claim 5, wherein said contact
8	members are separated equidistantly.
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11	7. The hydraulic stroke measuring system of Claim 3, wherein said main
12	contact is sufficient in length to engage at least two of said contact members
13	simultaneously.
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16	8. The hydraulic stroke measuring system of Claim 3, including a bias member
17	attached to said measurement shaft and applying a bias force to said main contact
18	towards said contact members.
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21	9. The hydraulic stroke measuring system of Claim 3, wherein said
22	measurement shaft is attachable to said cylinder shaft by a shaft bracket.
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25	10. The hydraulic stroke measuring system of Claim 3, wherein said main
26	contact is attached to an inner end of said measurement shaft.
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29	11. A hydraulic stroke measuring system, comprising:

1	a measurement unit attached to a cylinder shaft of a hydraulic cylinder by a
2	housing bracket, wherein said measurement unit measures an extended position of said
3	cylinder shaft; and
4	a display unit with a plurality of display lights in communication with said
5	measurement unit, wherein said display lights indicate an extended position of said
6	cylinder shaft.
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9	12. The hydraulic stroke measuring system of Claim 11, including an indicia
10	adjacent each of said display lights indicating a position measurement.
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13	13. The hydraulic stroke measuring system of Claim 11, wherein said
14	measurement unit is comprised of:
15	a housing unit having a tubular structure;
16	a plurality of contact members attached within said housing unit, wherein said
17	contact members are electrically connected to said display lights;
18	a measurement shaft slidably extending from within said housing unit and
19	attachable to said cylinder shaft of said hydraulic cylinder; and
20	a main contact attached to an inner end of said measurement shaft that engages
21	one or more of said contact members based upon a position of said measurement shaft.
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24	14. The hydraulic stroke measuring system of Claim 13, wherein said main
25	contact and said display lights are electrically connected to a power source.
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28	15. The hydraulic stroke measuring system of Claim 13, wherein said contact
29	members are aligned in a row.

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3	16. The hydraulic stroke measuring system of Claim 15, wherein said contact
4	members are separated equidistantly.
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7	17. The hydraulic stroke measuring system of Claim 13, wherein said main
8.	contact is sufficient in length to engage at least two of said contact members
9	simultaneously.
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12	18. The hydraulic stroke measuring system of Claim 13, including a bias
13	member attached to said measurement shaft and applying a bias force to said main
14	contact towards said contact members.
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17	19. The hydraulic stroke measuring system of Claim 13, wherein said
18	measurement shaft is attachable to said cylinder shaft by a shaft bracket.
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21	20. A hydraulic stroke measuring system, comprising:
22	a measurement unit attached to a cylinder shaft of a hydraulic cylinder by a
23	housing bracket, wherein said measurement unit measures an extended position of said
24	cylinder shaft;
25	a display unit with a plurality of display lights in communication with said
26	measurement unit, wherein said display lights indicate an extended position of said
27	cylinder shaft;
28	an indicia adjacent each of said display lights indicating a position
29	measurement;

wherein said measurement unit is comprised of:
a housing unit having a tubular structure;
a plurality of contact members attached within said housing unit
wherein said contact members are electrically connected to said display lights;
a measurement shaft slidably extending from within said housing uni-
and attachable to said cylinder shaft of said hydraulic cylinder;
a main contact attached to an inner end of said measurement shaft tha
engages one or more of said contact members based upon a position of said
measurement shaft;
wherein said main contact and said display lights are electrically
connected to a power source;
wherein said contact members are aligned in a row and equidistantly
spaced;
wherein said main contact is sufficient in length to engage at least two
of said contact members simultaneously;
a bias member attached to said measurement shaft and applying a bias
force to said main contact towards said contact members;
wherein said measurement shaft is attachable to said cylinder shaft by a
shaft bracket.